

No1

CANCER RESEARCH INSTITUTE
KANAZAWA UNIVERSITY

13-1, Takaramachi Kanazawa
Ishikawa Japan 920
(0762)62-8151

Have a blessed christmas and a happy new year.

Dear Marshall and Perola.

We live a happy life in kanazawa city except small apartment, crowded traffic jam and missing wonderful friends in NIH.

Kohzo jointed to the new lab. and has started a new project, c-rel, which is a vertebrate homolog of drosophila dorsal gene. There is high homology between c-rel and NF- κ B which is a transcription factor suggesting that there is rel/NF- κ B gene family in vertebrate. Now Kohzo just has cloned NF- κ B and c-rel cDNA by PCR. Kohzo is looking for the new members of rel family and will try to in situ hybridization and histochemistry as a first step. Kohzo hopes rel family give us a good hint to understand a problems of dorsal-ventral polarity formation including a development of nervous system. In addition to this project, kohzo has got drosophila (Oregon R) and started the small scale culture. We hope we can continue the drosophila work, when kohzo can get a grant (Now. my lab is really poor.).

No 2.

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Noriko got a new job in hospital as a pharmacist and she is going to joint to my Lab. in the evening as a research student. It takes her about ten years to get a phD. degree (I can't understand Japanese education system at all). Anyway, Noriko hopes to continue research. We believe it most important.

We really hope we can have a next chance to live in America again.

We hope everything is wonderful for you in 1991

with our best regards

sincerely yours
Ishiyama & Noriko

p.s.1. We wish we can read our draft about
NK-2 homeobox gene.

2. Enclosed is Japanese candy (??).
Please try it.